

PTO/SB/08A (08-03)

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Sheet 1 of 6

Complete if Known

Application Number	10/820,348
Filing Date	April 7, 2004
First Named Inventor	Roberto Aiello et al
Art Unit	2637
Examiner Name	Sam K. Ahn
Attorney Docket Number	00124

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
aw		US- 3,668,639	06-06-1972	Harmuth	
		US- 3,678,204	07-18-1972	Harmuth	
		US- 3,875,524	04-1975	Harzer et al.	
		US- 4,232,339	11-1980	Smiley et al.	
		US- 4,506,267	03-19-1985	Harmuth	
		US- 4,574,378	03-1986	Kobayashi	
		US- 4,587,494	05-06-1986	Widler	
		US- 4,644,534	02-1987	Sperlich	
		US- 4,651,152	03-17-1987	Harmuth	
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		US- 4,743,906	05-10-1998	Fullerton	
		US- 4,763,325	08-1988	Wolfe et al.	
		US- 4,813,057	03-14-1989	Fullerton	
		US- 5,134,408	07-28-1992	Harmuth	
		US- 5,148,174	09-15-1992	Harmuth	
		US- 5,153,595	10-06-1992	Harmuth	
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		US- 5,334,975	08-02-1994	Wachob et al.	

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		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
aw		WO 01/93434 A2	10-06-2001	Rofheart et al.		
aw		WO 02/31986 A2	04-18-2002	McCorkle et al.		
aw		EP 0 307 962 B1	03-22-1989	Sonetaka		

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Sheet	2	of	6
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		Number-Kind Code ² (if known)			
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		US- 5,493,691	02-20-1996	Barrett	
		US- 5,519,400	05-1996	McEwan	
		US- 5,523,758	06-04-1996	Harmuth	
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		US- 5,761,197	06-1998	Takefman	
		US- 5,812,671	09-1998	Ross	
		US- 5,850,422	12-1998	Chen	
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		US- 5,889,767	03-1999	Kimura	
	US- 5,903,605	05-1999	Crittenden		
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W		US- 5,920,278	07-06-1999	Tyler et al.	

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Filing Date	April 7, 2004
First Named Inventor	Roberto Aiello et al
Art Unit	2637
Examiner Name	Sam K. Ahn
Attorney Docket Number	00124

Sheet 3 of 6**U. S. PATENT DOCUMENTS**

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		Number-Kind Code ² (if known)			
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		US- 6,002,708	12-14-1999	Fleming et al.	
		US- 6,026,125	02-15-2000	Larrick, Jr. et al.	
		US- 6,041,051	03-2000	Doshi et al.	
		US- 6,064,697	05-2000	Yoshikawa	
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Sheet 4

of 16

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Application Number	10/820,348
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First Named Inventor	Roberto Aiello et al
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		Number-Kind Code ² (if known)			
		US- 6,239,741 B1	05-2001	Fontana et al.	
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		US- 6,574,266 B1	06-2003	Jacobus Haartsen	
		US- 6,597,683	07-2003	Gehring et al.	

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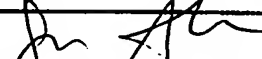
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		Art Unit	2637
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Sheet 5 of 6	Attorney Docket Number	00124	

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		US- 6,621,857 B1	09-2003	Belotserkovsky et al	
		US- 6,625,229 B2	09-2003	Dress et al.	
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		US- 2001/0055353	12-2001	Rybicki et al.	
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		US- 2003/0054764 A1	03-2003	McCorkle et al.	
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Sheet 6	of 6	Attorney Docket Number	00124

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GW		"802.1D and 802.1Q Bridging Conformance" TA Document IEEE802.17-11Jul2001/040:3, 1394 Trade Association, 7 pages, October 2001.	
GW		Brunoi Pattan, A Brief Exposure to Ultra-Wideband Signaling, Microwave Journal, December 2003, 5 pages.	
GW		David G. Leeper, Wireless Data Blaster, Scientific American, May 2002, Pages 65-69.	
GW		Dr. James P. K. Gilb, Wireless Multimedia... A Guide to the IEEE 802.15.3 Standard, March 2004, Pages 23-63.	
GW		AETHER WIRE & LOCATION, INC., ROBERT FLEMING et al., "Low-Power, Miniature, Distributed Position Location and Communication Devices Using Ultra-Wideband, Nonsinusoidal Communication Technology," Semi-Annual Technical Report Prepared for: ARPA/FBI, July 1995, Pages 1-40.	
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GW		HENNING F. HARMUTH, "Fundamental Limits for Radio Signals With Large Bandwidth," IEEE Transactions on Electromagnetic Compatibility, Vol. EMC-23, No. 1, February 1981, Pages 37-43.	

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